

OM protein - protein search, using SW model
Run on: March 7, 2005, 07:04:37 ; Search time 21.289 Seconds
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ALIGNMENTS

Copyright (c) 1993 - 2005 Compugen Ltd.
 GenCore version 5.1.5
 OM protein - protein search, using SW model
 Run on: March 7, 2005, 07:04:37 ; Search time 21.2389 Seconds
 (without alignments)
 702.945 Million cell updates/sec
Title: US-09-939-537-31_COPY_1_200
Perfect score: 1029
Sequence: I M R G V P F R H L L V L Q K L P T W T C T V L Q N Q K U V E F K I D I V 200
Scoring table: BLOSUM62
Gapop: 10.0 , Gapext: 0.5

Total number of hits satisfying chosen parameters:

OM protein - protein search, using sw model
Copyright (c) 1993 - 2005 Compugen Ltd.
GenCore version 5.1.5
Run on: March 7, 2005, 07:04:37 ; Search time 21.2389 Seconds
(without alignments)
702.945 Million cell updates/sec
Title: US-09-939-537-31_COPY_1_200
Perfect score: 1029
Sequence: MARGVPFRRHLILVLQLALLP.....TWTCIVLQNQKVKEFKIDIV 200
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters:

OM protein - protein search, using sw model
Copyright (c) 1993 - 2005 Compugen Ltd.
GenCore version 5.1.5
Run on: March 7, 2005, 07:04:37 ; Search time 21.2389 Seconds
(without alignments)
702.945 Million cell updates/sec
Title: US-09-939-537-31_COPY_1_200
Perfect score: 1029
Sequence: MARGVPFRRHLILVLQLALLP.....TWTCIVLQNQKVKEFKIDIV 200
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

US-08-284-391B-31

Query Match 100.0%; Score 1029; DB 2;
 Best Local Similarity 100.0%; Pred. No. 4.9e-92;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRGVPFRHLIVLQALLPAATQGNKVVLGKGDTVELCTASQKSIQPHWKSNOIK 60
 Db 1 MRGVPFRHLIVLQALLPAATQGNKVVLGKGDTVELCTASQKSIQPHWKSNOIK 60
 QY 61 LGNQGSFLTKPGSKLNRDRSRSIWLQDNPLITRKLNKIEDSDTYICEVEDOKEVOL 120
 Db 61 LGNQGSFLTKPGSKLNRDRSRSIWLQDNPLITRKLNKIEDSDTYICEVEDOKEVOL 120
 QY 121 LVFGLTANSDDTHLQLOGSLTTLSPSSPSSPSVCRSPRGKNIQGGKTLSVSOLELQDSG 180
 Db 121 LVFGLTANSDDTHLQLOGSLTTLSPSSPSSPSVCRSPRGKNIQGGKTLSVSOLELQDSG 180
 QY 181 TWTCVLUQNOKVEPKIDIV 200
 Db 181 TWTCVLUQNOKVEPKIDIV 200

RESULT 2

US-09-218-950-31
 Sequence 31, Application US/09218950
 Patent No. 628440

GENERAL INFORMATION:
 APPLICANT: Seed, Brian
 APPLICANT: Banapour, Babak
 APPLICANT: Romeo, Charles
 APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/218, 950
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/284, 391
 FILING DATE: 02-AUG-1994
 APPLICATION NUMBER: 08/195, 395
 FILING DATE: 14-FEB-1994
 APPLICATION NUMBER: 07/847, 566
 FILING DATE: 06-MAR-1992
 APPLICATION NUMBER: 07/665, 961
 FILING DATE: 07-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Ebing, Karen L
 REGISTRATION NUMBER: 35, 238
 REFERENCE/DOCKET NUMBER: 00786/247001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEX: 617-428-7045
 INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
 LENGTH: 203 amino acids
 TYPE: amino acid
 STRANDEDNESS: single

TOPOLOGY: linear
 MOLECULE TYPE: protein

US-09-218-950-31

Query Match 100.0%; Score 1029; DB 3;
 Best Local Similarity 100.0%; Pred. No. 4.9e-92;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRGVPFRHLIVLQALLPAATQGNKVVLGKGDTVELCTASQKSIQPHWKSNOIK 60
 Db 1 MRGVPFRHLIVLQALLPAATQGNKVVLGKGDTVELCTASQKSIQPHWKSNOIK 60
 QY 61 LGNQGSFLTKPGSKLNRDRSRSIWLQDNPLITRKLNKIEDSDTYICEVEDOKEVOL 120
 Db 61 LGNQGSFLTKPGSKLNRDRSRSIWLQDNPLITRKLNKIEDSDTYICEVEDOKEVOL 120
 QY 121 LVFGLTANSDDTHLQLOGSLTTLSPSSPSSPSVCRSPRGKNIQGGKTLSVSOLELQDSG 180
 Db 121 LVFGLTANSDDTHLQLOGSLTTLSPSSPSSPSVCRSPRGKNIQGGKTLSVSOLELQDSG 180
 QY 181 TWTCVLUQNOKVEPKIDIV 200
 Db 181 TWTCVLUQNOKVEPKIDIV 200

RESULT 3

US-08-394-388A-31
 Sequence 31, Application US/08394388A
 Patent No. 6733162

GENERAL INFORMATION:
 APPLICANT: Seed, Brian
 APPLICANT: Banapour, Babak
 APPLICANT: Romeo, Charles
 APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/394, 388A
 FILING DATE: 24-FEB-1995
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/284, 391
 FILING DATE: 02-AUG-1994
 APPLICATION NUMBER: 08/195, 395
 FILING DATE: 14-FEB-1994
 APPLICATION NUMBER: 07/847, 566
 FILING DATE: 06-MAR-1992
 APPLICATION NUMBER: 07/665, 961
 FILING DATE: 07-MAR-1991
 APPLICATION NUMBER: 07/665, 961
 FILING DATE: 07-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Ebing, Karen L
 REGISTRATION NUMBER: 35, 238
 REFERENCE/DOCKET NUMBER: 00786/247001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEX: 617-428-7045
 INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
 LENGTH: 203 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-31

Query Match 100.0%; Score 1029; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 4.9e-92; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 MNQGVPPFHLLVQLQLDPAATQGNKVVLGKKGDTVELTCASOKKSIQFWKNSNQIK 60
Qy 61 ILGNQGSPLTKGSKLNDRADSRSLWQDNFPLIKNLKIEDSDTYICEVEDOKEEVQL 120
Db 61 ILGNQGSPLTKGSKLNDRADSRSLWQDNFPLIKNLKIEDSDTYICEVEDOKEEVQL 120
Qy 121 LVFGLTANSDTLILQOSITLTLSPRGSSPSVQCRSPRGKNIQGGKLVLVSQLEODSG 180
Db 121 LVFGLTANSDTLILQOSITLTLSPRGSSPSVQCRSPRGKNIQGGKLVLVSQLEODSG 180
Qy 181 TWCTCVLQNQKVEPKIDIV 200
Db 181 TWCTCVLQNQKVEPKIDIV 200

Query Match 100.0%; Score 1029; DB 2; Length 398;
Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 MNQGVPPFHLLVQLQLDPAATQGNKVVLGKKGDTVELTCASOKKSIQFWKNSNQIK 60
Qy 61 ILGNQGSPLTKGSKLNDRADSRSLWQDNFPLIKNLKIEDSDTYICEVEDOKEEVQL 120
Db 61 ILGNQGSPLTKGSKLNDRADSRSLWQDNFPLIKNLKIEDSDTYICEVEDOKEEVQL 120
Qy 121 LVFGLTANSDTLILQOSITLTLSPRGSSPSVQCRSPRGKNIQGGKLVLVSQLEODSG 180
Db 121 LVFGLTANSDTLILQOSITLTLSPRGSSPSVQCRSPRGKNIQGGKLVLVSQLEODSG 180
Qy 181 TWCTCVLQNQKVEPKIDIV 200
Db 181 TWCTCVLQNQKVEPKIDIV 200

RESULT 4

US-08-284-391B-29

; Sequence 29, Application US/08284391B

Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:

ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ FOR Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391B

FILING DATE: 02-AUG-1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids

RESULT 5

US-09-218-950-29

; Sequence 29, Application US/09218950

Patent No. 6284240
GENERAL INFORMATION:
APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:

ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ FOR Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/218,950

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391

FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

INFORMATION FOR SEQ ID NO: 29:

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 398 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-218-950-29

Query Match Best Local Similarity 100.0%; Score 1029; DB 3; Matches 200; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 4; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 5; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 6; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 7; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 8; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 9; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 10; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 11; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 12; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 13; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 14; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 15; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 16; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 17; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 18; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 19; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 20; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 21; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 22; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 23; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 24; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 25; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 26; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 27; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 28; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Best Local Similarity 100.0%; Score 1029; DB 29; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 6
US-08-354-388A-29

Sequence 29 Application US/08394388A
Patent No. 6755162

GENERAL INFORMATION:
APPLICANT: Seed, Brian
ADDRESS: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/354,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Ebing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

RESULT 7
US-08-236-311-1

Sequence 1 Application US/08236311
Patient No. 556535

GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
APPLICANT: Gregory, Timothy J.
TITLE OF INVENTION: Adhesin Variants
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/236,311
FILING DATE: 02-MAY-1994
CLASSIFICATION: -435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/142777
FILING DATE: 18-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/50785
FILING DATE: 20-SEP-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: 444P1C2
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-1896
 TELEFAX: 415/952-9881
 TELEX: 910/371-7158
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 402 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 ;US-08-236-311-1

Query Match 100.0%; Score 1029; DB 1; Length 402;
 Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MNRGVPPFRHLILVQLQALLPAATQGNKVKVLGKGDTVELCTASOKKSIOFHWKNSNQIK 60
 Db 1 MNRGVPPFRHLILVQLQALLPAATQGNKVKVLGKGDTVELCTASOKKSIOFHWKNSNQIK 60
 Qy 61 IIGNQSPRLTKPSKUNDRASSRLWDQGNPLIKNKLDSDTYICEVEDQKERVOL 120
 Db 61 IIGNQSPRLTKPSKUNDRASSRLWDQGNPLIKNKLDSDTYICEVEDQKERVOL 120
 Qy 121 LVFGLTANSDTIILQGOSLTLTESPGSSPSVQCRSPRGKNIQGGKTLTSQLELODSG 180
 Db 121 LVFGLTANSDTIILQGOSLTLTESPGSSPSVQCRSPRGKNIQGGKTLTSQLELODSG 180
 Qy 181 TWCTCVLQNOKKVFKIDIV 200
 Db 181 TWCTCVLQNOKKVFKIDIV 200
 181 TWCTCVLQNOKKVFKIDIV 200

RESULT 8

US-08-457-918-1
 Sequence 1, Application US/08457918

Patent No. 6117655
 GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.
 TITLE OF INVENTION: Adheson Variants
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/457,918
 FILING DATE: 1-JUN-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/236311
 FILING DATE: 02-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/936190
 FILING DATE: 26-AUG-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/842777
 FILING DATE: 18-FEB-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/250755
 FILING DATE: 2-SEP-1988
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/104329
 FILING DATE: 02-OCT-1987
 ATTORNEY/AGENT INFORMATION:

RESULT 9

US-10-157-408-1
 Sequence 1, Application US/10157408

Patent No. 6710169
 GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.
 TITLE OF INVENTION: Gregory, Timothy J.
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/157,408
 FILING DATE: 28-May-2002
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/457,918
 FILING DATE: 1-JUN-1995
 APPLICATION NUMBER: 08/236311
 FILING DATE: 02-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/936190
 FILING DATE: 26-AUG-1992
 APPLICATION NUMBER: 07/842777
 FILING DATE: 16-FEB-1992
 APPLICATION NUMBER: 07/250755
 FILING DATE: 28-SEP-1988
 APPLICATION NUMBER: 07/104329
 FILING DATE: 02-OCT-1987

RESULT 10

US-08-457-918-1
 Sequence 1, Application US/08457918

Patent No. 6710169
 GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.
 TITLE OF INVENTION: Gregory, Timothy J.
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/157,408
 FILING DATE: 28-May-2002
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/457,918
 FILING DATE: 1-JUN-1995
 APPLICATION NUMBER: 08/236311
 FILING DATE: 02-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/936190
 FILING DATE: 26-AUG-1992
 APPLICATION NUMBER: 07/842777
 FILING DATE: 16-FEB-1992
 APPLICATION NUMBER: 07/250755
 FILING DATE: 28-SEP-1988
 APPLICATION NUMBER: 07/104329
 FILING DATE: 02-OCT-1987

ATTORNEY/AGENT INFORMATION:

NAME: Kubinec, Jeffrey S.
 REGISTRATION NUMBER: 36,575
 REFERENCE/DOCKET NUMBER: P0444P1C3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-8228
 TELEFAX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 402 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-157-408-1
 Query Match 100.0%; Score 1029; DB 4; Length 402;
 Best Local Similarity 100.0%; Pred. No. 1.2e-91; Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 200; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MNRGVPRHLILVLQALLPAATQGNKVVLGKGDTWELTCMASOKSISQFWKNSNQIK 60
 Db 1 MNRGVPRHLILVLQALLPAATQGNKVVLGKGDTWELTCMASOKSISQFWKNSNQIK 60
 QY 61 ILGNQGSPLTKPSKLNDRSLRADRSRSLMDQGNPLIKNLKEDSDTYICEVEDQKEVQL 120
 Db 61 ILGNQGSPLTKPSKLNDRSLRADRSRSLMDQGNPLIKNLKEDSDTYICEVEDQKEVQL 120
 QY 121 LVFGLTANSDTLILQOSLITLLESPPGSSPSVQCRSPRGKNIQGKTLSVSQLELQDSG 180
 Db 121 LVFGLTANSDTLILQOSLITLLESPPGSSPSVQCRSPRGKNIQGKTLSVSQLELQDSG 180
 QY 181 TWCTCTVLQNQKVEFKIDIV 200
 Db 181 TWCTCTVLQNQKVEFKIDIV 200
 QY 181 TWCTCTVLQNQKVEFKIDIV 200
 Db 181 TWCTCTVLQNQKVEFKIDIV 200
 RESULT 10
 US-08-328-500-9
 Sequence 9, Application US/08328500
 ; Patent No. 6673896
 GENERAL INFORMATION:
 APPLICANT: Maddon, Paul J.
 APPLICANT: Axel, Richard
 APPLICANT: Sweet, Richard W.
 APPLICANT: Artios, James
 TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/466,368
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 24577-E1-B/JPW/AKC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-278-0400
 TELEFAX: 212-391-0525
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 458 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-466-368-4
 Query Match 100.0%; Score 1029; DB 3; Length 458;
 Best Local Similarity 100.0%; Pred. No. 1.5e-91;

Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Query Match 100.0%; Score 1029; DB 2; Length 462;
 Best Local Similarity 100.0%; Pred. No. 1.5e-91;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Query 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60
 Db 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60
 Qy 61 ILGNQGSFLTKPSKUNDRAEDRSRSLMDQGNPLIQLKIEDSDTYCERYDQKEVOL 120
 Db 61 ILGNQGSFLTKPSKUNDRAEDRSRSLMDQGNPLIQLKIEDSDTYCERYDQKEVOL 120
 Qy 61 ILGNQGSFLTKPSKUNDRAEDRSRSLMDQGNPLIQLKIEDSDTYCERYDQKEVOL 120
 Db 61 ILGNQGSFLTKPSKUNDRAEDRSRSLMDQGNPLIQLKIEDSDTYCERYDQKEVOL 120
 Qy 121 LVFGLTANSDTLILQGOSLTITLESPPGSSPSVQCTSPPRGKNTQGGKTLVSQLELQDSG 180
 Db 121 LVFGLTANSDTLILQGOSLTITLESPPGSSPSVQCTSPPRGKNTQGGKTLVSQLELQDSG 180
 Qy 181 TWCTVUQNQKVKEFKIDIV 200
 Db 181 TWCTVUQNQKVKEFKIDIV 200
 Db 181 TWCTVUQNQKVKEFKIDIV 200

RESULT 13
 US-08-284-391B-5
 Sequence 5, Application US/08284391B
 Patent No. 5831828
 GENERAL INFORMATION:
 APPLICANT: Seed, Brian
 TITLE OF INVENTION: Redirection of Cellular Immunity by Chimeras
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: Wordperfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/417,495
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/203,866
 FILING DATE:
 APPLICATION NUMBER: US/07/847,566
 FILING DATE:
 APPLICATION NUMBER: 07/665,961
 FILING DATE:
 APPLICATION NUMBER: 07/665,961
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Clark, Paul T.
 REGISTRATION NUMBER: 30,162
 REFERENCE/DOCKET NUMBER: 00786/119002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEX: (617) 542-8906
 TELEFAX: 200154
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 462 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-417-495-5

Query Match 100.0%; Score 1029; DB 2; Length 462;
 Best Local Similarity 100.0%; Pred. No. 1.5e-91;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Query 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60
 Db 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60
 Qy 121 LVFGLTANSDTLILQGOSLTITLESPPGSSPSVQCTSPPRGKNTQGGKTLVSQLELQDSG 180
 Db 121 LVFGLTANSDTLILQGOSLTITLESPPGSSPSVQCTSPPRGKNTQGGKTLVSQLELQDSG 180
 Qy 181 TWCTVUQNQKVKEFKIDIV 200
 Db 181 TWCTVUQNQKVKEFKIDIV 200

RESULT 12
 US-08-417-495-5

Sequence 5, Application US/08417495

Patent No. 5843728

GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.

TITLE OF INVENTION: Redirection of Cellular Immunity by Chimeras

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM PS/2 Model 502 or 55SX

OPERATING SYSTEM: DOS (Version 3.30)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/417,495

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/203,866

FILING DATE:

APPLICATION NUMBER: US/07/847,566

FILING DATE:

APPLICATION NUMBER: 07/665,961

FILING DATE:

APPLICATION NUMBER: 07/665,961

ATTORNEY/AGENT INFORMATION:

NAME: Ebing, Karen L.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 462 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-284-391B-5

Query Match 100.0%; Score 1029; DB 2; Length 462;
 Best Local Similarity 100.0%; Pred. No. 1.5e-91;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Query 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60
 Db 1 MARGVPRFHLLVLQLALLPAATQNKVVLGKKGDTVELCTASQKSIQPHWKNQIK 60

Db 1 MNRGYPFRHLVQLALLPAATQGNKVVLGKKGDTVELCTASOKSIOFHWNNSQIK 60
 Qy 61 ILGNGSFLTKGSKLNRDRSRSLWDQGNFPLIKNLKISDSDTYICEVEDQKEVL 120
 Db 61 ILGNGSFLTKGSKLNRDRSRSLWDQGNFPLIKNLKISDSDTYICEVEDQKEVL 120
 Qy 121 LVFGLTANSDDTHLQGQSUTTLESPPSSPSVCRSPRGKNIQGKTLSTSQLELQDSG 180
 Db 121 LVFGLTANSDDTHLQGQSUTTLESPPSSPSVCRSPRGKNIQGKTLSTSQLELQDSG 180
 Qy 181 TWTCIVLQONQKVEFKIDIV 200
 Db 181 TWTCIVLQONQKVEFKIDIV 200

RESULT 14
 US-09-218-950-5
 Sequence 5, Application US/09218950
 Patent No. 6284240

GENERAL INFORMATION:
 APPLICANT: Seed, Brian
 APPLICANT: Banapour, Babak
 APPLICANT: Romeo, Charles
 APPLICANT: Kolanus, Waldemar
 TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/218,950
 FILING DATE:

CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/284,391
 FILING DATE: 02-AUG-1994
 APPLICATION NUMBER: 08/195,395
 FILING DATE: 14-FEB-1994
 APPLICATION NUMBER: 07/847,566
 FILING DATE: 06-MAR-1992
 APPLICATION NUMBER: 07/665,961
 FILING DATE: 07-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Ebing, Karen L
 REGISTRATION NUMBER: 35,238
 REFERENCE DOCKET NUMBER: 00786/247001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEFAX: 617-428-7045
 TELEX:

INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 462 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-09-218-950-5
 Query Match 100.0%; Score 1029; DB 3; Length 462;
 Best Local Similarity 100.0%; Pred. No. 1; Se-91;
 Matches 200; Conservative 0; Mismatches 0; Indels 0; Caps 0;

Db 1 MNRGYPFRHLVQLALLPAATQGNKVVLGKKGDTVELCTASOKSIOFHWNNSQIK 60
 Qy 61 ILGNGSFLTKGSKLNRDRSRSLWDQGNFPLIKNLKISDSDTYICEVEDQKEVL 120
 Db 1 MNRGYPFRHLVQLALLPAATQGNKVVLGKKGDTVELCTASOKSIOFHWNNSQIK 60
 Qy 61 ILGNGSFLTKGSKLNRDRSRSLWDQGNFPLIKNLKISDSDTYICEVEDQKEVL 120
 Db 61 ILGNGSFLTKGSKLNRDRSRSLWDQGNFPLIKNLKISDSDTYICEVEDQKEVL 120
 Qy 121 LVFGLTANSDDTHLQGQSUTTLESPPSSPSVCRSPRGKNIQGKTLSTSQLELQDSG 180
 Db 121 LVFGLTANSDDTHLQGQSUTTLESPPSSPSVCRSPRGKNIQGKTLSTSQLELQDSG 180
 Qy 181 TWTCIVLQONQKVEFKIDIV 200
 Db 181 TWTCIVLQONQKVEFKIDIV 200

RESULT 15
 US-08-394-388A-5
 Sequence 5, Application US/08394388A
 Patent No. 6753162

GENERAL INFORMATION:
 APPLICANT: Seed, Brian
 APPLICANT: Banapour, Babak
 APPLICANT: Romeo, Charles
 APPLICANT: Kolanus, Waldemar
 TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSQL for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/394,388A
 FILING DATE: 24-FEB-1995
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/284,391
 FILING DATE: 02-AUG-1994
 APPLICATION NUMBER: 08/195,395
 FILING DATE: 14-FEB-1994
 APPLICATION NUMBER: 07/847,566
 FILING DATE: 06-MAR-1992
 APPLICATION NUMBER: 07/665,961
 FILING DATE: 07-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Ebing, Karen L
 REGISTRATION NUMBER: 35,238
 REFERENCE DOCKET NUMBER: 00786/247001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEFAX: 617-428-7045
 TELEX:

INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 462 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-394-388A-5
 Query Match 100.0%; Score 1029; DB 4; Length 462;

Best Local Similarity 100.0%; Pred. No. 1.5e-91; Mismatches 0; Indels 0; Gaps 0;
Matches 200; Conservative 0;

Qy 1 MNGVPERHLLVQLQALLPATOGNKVVLGKKGDTVELTCMASOKUSIOFWKNSQIK 60
Db 1 MNGVPERHLLVQLQALLPATOGNKVVLGKKGDTVELTCMASOKUSIOFWKNSQIK 60

Qy 61 IIGNQGSFLTKPSKLNRDRRSWLDQGNFPLIKNKEIDSNTYCEVEDQEEVOL 120
Db 61 IIGNQGSFLTKPSKLNRDRRSWLDQGNFPLIKNKEIDSNTYCEVEDQEEVOL 120

Qy 121 FVGLTANSDTLILQGSITLTESPRCSPSSPVCRSPRGKNIQGGKTLSVQLELODSG 180
Db 121 FVGLTANSDTLILQGSITLTESPRCSPSSPVCRSPRGKNIQGGKTLSVQLELODSG 180

Qy 181 TWCTVILQNKVKERKIDIV 200
Db 181 TWCTVILQNKVKERKIDIV 200

Search completed: March 7, 2005, 07:22:53
Job time : 22.2389 secs

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